



Warren County Sanitarian

101 Mockingbird Lane, Ste 201 · Warrenton, MO 63383

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System Design

To be complete by installer and returned prior to excavation.

1. Installer		Registered: Y <input type="checkbox"/> N <input type="checkbox"/>	
Name:		Phone # () -	
Address:			
City:		State:	Zip:
2. Property Owner			
Name:		Phone # () -	
3. Site Address:			
Street/Lot#:		City:	State: Zip:
Directions To Site:			
4. Mailing Address:			
Street/Lot#:		City:	State: Zip:
5. System is:		New Construction <input type="checkbox"/>	Repair existing system <input type="checkbox"/>
6. System Serves:			
A. Residence <input type="checkbox"/>	Single Family <input type="checkbox"/>	No. Bedrooms _____	Multi Family <input type="checkbox"/>
B. Business <input type="checkbox"/>	Food Service <input type="checkbox"/>	Lodging <input type="checkbox"/>	Other (specify):
7. Water Supply:			
Public <input type="checkbox"/>		Private <input type="checkbox"/>	
Type of supply:		Bored well <input type="checkbox"/>	Dug well <input type="checkbox"/>
Drilled well <input type="checkbox"/>		Other (specify):	
8. Lot:			
No. of acres:	Slope:	Indicate direction of slope on Site Layout	

1. Installer

Registered: Y N

Name:

Phone # () -

9. Name of Soil Scientist:

10. Proposed System:

Complete information only for the system you plan to construct.

A. Sewage tank Manufacturer: Type of construction: Capacity (gal):

Septic Aerated NSF Class I:Y N Distance from: Well House

 Pump tank Manufacturer: Type of construction: Capacity (gal):

B. Secondary Treatment

Boring/Pit No. _____

1) Soil Absorption Trench

 _____ Total absorption area

 a. Ten inch gravelless

 _____ No. of trenches

 b. Chamber

 _____ Trench length

 c. Conventional

 _____ Trench width

 d. Low pressure pipe

 _____ Trench depth

 e. Drip soil absorption

 _____ Other

 f. Other _____

 Curtain drain length____ width____ depth

2) Other treatment

 a. Wetlands

 _____ Dimensions (length x width or diameter)

 b. Lagoon

 _____ Working depth

 c. Sand mound

 _____ Total water surface area (square feet)

 d. Sand filter

 _____ Type of equipment to compact soil

 e. Other _____

 Pond seal: Native soil Artificial liner

 Bentonite clay Transported clay

Include supporting data, calculations, and drawings, with the packet.

C. Pump

 Size:

 Manufacturer:

 Total Head:

 Hole Size:

 No. Holes:

 Distance Pumped:

 Size of Manifold Pipe:

11. Distances from secondary treatment:

Well: House: Property lines: Water lines:
Stream, river, pond, or lake: Neighbors well:
Neighbors Home:

All information contained in and with this packet is true and accurate to the best of my knowledge.

12. Signature of Owner or Installer:

Date:

Large empty rectangular box for signature and date.

1. Show property lines and dimensions to reflect the shape
And size of the property.
2. Diagram proposed system. Show appropriate elevations
to indicate proper fall for system. System must be staked
on the property for the Site Elevation.
3. Show distances to house, well, water lines, property lines,
Geological features such as sinkholes, rock outcrops,
Lakes, ponds, streams, rivers, etc.
4. Show distances to neighbors wells, homes, and sewage
Disposal systems.
5. Show locations of all soil morphology test pits. Holes
Must be flagged on the property for site evaluation.
6. Show fence location around waste stabilization pond.
7. Indicate any known easements that exist for utilities, roads,
Private driveways, or other easements.

Revision 6/10

